In the Specification:

Please replace the specification with the Substitute Specification being filed concurrently herewith.

In the Claims:

Please amend the claims as follows:

1. (Amended) A method of changing a recording mode between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

(a) reading data encoded in a wobble signal of a physical track reproduced while recording input data to a recording medium;

(b) detecting a predetermined signal among the read data;

(c) determining a current recording speed based on the predetermined signal;

(d) comparing the determined recording speed with a predetermined speed; and

(e) changing the recording mode between CAV and CLV according to the result of the comparing step.

3. (Amended) The method set forth in claim 1, wherein said step (b) detects a period of the predetermined signal.

4. (Amended) A method of changing a recording mode between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

(a) recording input data to an installed recording medium in CAV mode;

(b) measuring the frequency of a low-frequency component of a wobble signal, which is generated during said recording, formed along a spiral physical track;

(c) comparing the measured frequency with a predetermined frequency; and

(d) determining when to change the recording mode to CLV based on the comparing step.

Please add the following claims:

--6. (New) The method set forth in claim 1, wherein the predetermined speed is determined by an encoding speed of an encoder or properties of the recording medium.--

--7. (New) The method set forth in claim 4, wherein the predetermined frequency is determined by an encoding speed of an encoder or properties of the recording medium.--

--8. (New) A method of changing a rotating mode for recording between CAV (Constant Angular Velocity) and CLV (Constant Linear Velocity), comprising the steps of:

(a) measuring a recording speed of input data on a recording medium;

(b) comparing the recording speed with a threshold speed, wherein the threshold speed is determined by a stable encoding speed of an encoder or properties of the recording medium; and

(c) changing the rotating mode for recording between CAV and CLV according to the result of the comparing step.--

--9. (New) The method set forth in claim 8, wherein the measuring step comprises the steps of:

reading the wobble signal formed along a spiral physical track, which is generated during said recording; and

measuring the frequency of a low-frequency component of the wobble signal.--

--10. (New) The method set forth in claim 8, wherein the measuring step comprises the steps of:

reading a wobble signal formed along a spiral physical track which is generated during said recording;

decoding data from the wobble signal;

detecting a predetermined signal among the decoded data; and

measuring the frequency of the detected predetermined signal of the decoded data.--